

Aditi Singhal

List of Publications by Year in descending order

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14
papers

307
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933447

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1125743

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#	ARTICLE	IF	CITATIONS
1	Effect of Ru Substitution in La _{0.85} Sr _{0.15} CoO ₃ towards Oxygen Evolution Reaction: Activity of Ionic Ru. <i>Electroanalysis</i> , 2021, 33, 618-626.	2.9	6
2	Platinum substituted Cobalt(II, III) Oxide: Interplay of tetrahedral Co(II) sites towards electrochemical oxygen evolution activity. <i>Electrochimica Acta</i> , 2021, 365, 137234.	5.2	12
3	Enhanced oxygen evolution activity of Co _{3-x} Ni _x O ₄ compared to Co ₃ O ₄ by low Ni doping. <i>Journal of Electroanalytical Chemistry</i> , 2018, 823, 482-491.	3.8	19
4	Removal of pesticide toxicity by cysteine-capped Ag nanoparticles and study of their adsorption kinetics. <i>International Journal of Nanomedicine</i> , 2018, Volume 13, 25-29.	6.7	11
5	One step rapid synthesis of mesoporous high surface area Sn _{1-x} Sb _x O ₂ : Electrochemical and scanning tunneling spectroscopic studies. <i>Journal of Physics and Chemistry of Solids</i> , 2018, 123, 355-363.	4.0	0
6	Adsorption of C ₂ gases over CeO ₂ -based catalysts: synergism of cationic sites and anionic vacancies. <i>Physical Chemistry Chemical Physics</i> , 2017, 19, 14148-14159.	2.8	9
7	CTAB modified large surface area nanoporous geopolymer with high adsorption capacity for copper ion removal. <i>Applied Clay Science</i> , 2017, 150, 106-114.	5.2	68
8	One pot, rapid synthesis of Co ₃ O ₄ by solution combustion method and its electrochemical properties in different electrolytes. <i>Journal of Electroanalytical Chemistry</i> , 2016, 776, 152-161.	3.8	17
9	Mechanistic Insights into CO ₂ Methanation over Ru-Substituted CeO ₂ . <i>Journal of Physical Chemistry C</i> , 2016, 120, 14101-14112.	3.1	48
10	Integrated approach to evaluating the toxicity of novel cysteine-capped silver nanoparticles to <i>Escherichia coli</i> and <i>Pseudomonas aeruginosa</i> . <i>Analyst</i> , 2014, 139, 954-963.	3.5	40
11	Optical, photophysical and magnetic behavior of GMP-templated binary (Fe ₂ O ₃ /CdS) and ternary (Fe ₂ O ₃ /Ag/CdS) nanohybrids. <i>Journal of Materials Chemistry</i> , 2011, 21, 481-496.	6.7	16
12	Optical and magnetic behavior of Ag encapsulated Fe ₂ O ₃ core-shell hollow nanotubes. <i>Materials Chemistry and Physics</i> , 2011, 131, 230-240.	4.0	11
13	Synthesis of colloidal silver iron oxide nanoparticles—study of their optical and magnetic behavior. <i>Nanotechnology</i> , 2009, 20, 295606.	2.6	18
14	Synthesis of colloidal Fe ₂ O ₃ nanostructures—influence of addition of Co ²⁺ on their morphology and magnetic behavior. <i>Nanotechnology</i> , 2007, 18, 475703.	2.6	32